

Date: Wed, 6 Oct 93 14:05:23 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #1185  
To: Info-Hams

Info-Hams Digest                      Wed, 6 Oct 93                      Volume 93 : Issue 1185

Today's Topics:

ARRL/VEC holding my 610  
ARRL Board Elections  
Codeless Tech Debate  
Cordless phone Band????  
Distress signals (was Re: first sos in history)  
Flux Gate Sensor wanted  
HF Mobile Antennas?  
humorous R.S. anecdote  
Info-Hams Digest V93 #1183  
JOTA  
Motorola ad in QST?  
Need FT-311rm manual  
Packet to internet gatewa  
radio 4 LW and the hulahoop  
RG-8/M questions? (Apology)  
Selling license info (was: Re: 6 weeks

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----

Date: 5 Oct 93 18:17:01 EST  
From: swrinde!cs.utexas.edu!math.ohio-state.edu!pacific.mps.ohio-state.edu!  
ohstpy.mps.ohio-state.edu!miavx1!miavx3.mid.muohio.edu!clmorgan@network.ucsd.edu  
Subject: ARRL/VEC holding my 610  
To: info-hams@ucsd.edu

In article <1993Oct4.143952.17557@newsgate.sps.mot.com>, markm@bigfoot.sps.mot.com

(Mark Monninger) writes:

> In article <1993Oct3.122817.1409@miavx3.mid.muohio.edu> writes:

>> ...

>> The VEC will not forward a 610 until a photocopy of the most recent license  
>> is attached. Checking the box really has no effect on how the 610 is to be  
>> handled.

>>

>> Use an old license? My guess is the VEC is smart enough to catch it, hold  
>> the 610, and ask you for a copy of your upgraded ticket.

>> ...

> How would the VEC know? You could easily take an exam from another VEC. The  
> only way they know is if you check the box on the 610 or if you still have an  
> upgrade in process from the same VEC they probably have it on record. Seems to  
> me it would be easy to do. I don't know WHY one would want to mess around with  
> the system, though...all it would accomplish is to delay things.

>

> Mark AA7TA

The way data is recorded at the top of the 610 is a dead giveaway .... unless,  
of course, you are willing to waive any CSCEs you might have earned.

73 >< Carl

K8NHE

-----  
Date: 5 Oct 93 16:24:43 CDT

From: timbuk.cray.com!hemlock.cray.com!cherry10!dadams@uunet.uu.net

Subject: ARRL Board Elections

To: info-hams@ucsd.edu

I got a ballot in the mail for ARRL Board Elections. I have not seen any  
debate on any of the issues. Who are the candidates? (I know the  
incumbents are.) I don't even know if there are any issues other  
than code/no-code, which isn't an issue as far as I am concerned.

Any comments?

---

--David C. Adams Statistician Cray Research Inc. dadams@cray.com

Kilo Golf Zero India Oscar -(KG0IO)-

-----  
Date: 6 Oct 93 16:55:19 GMT

From: ogicse!uwm.edu!math.ohio-state.edu!news.acns.nwu.edu!casbah.acns.nwu.edu!

lapin@network.ucsd.edu

Subject: Codeless Tech Debate  
To: info-hams@ucsd.edu

In article <2386@arrl.org>, Ed Hare - KA1CV <ehare@arrl.org> wrote:  
>In rec.radio.amateur.misc, gary@ke4zv.atl.ga.us (Gary Coffman) writes:  
>  
>>Ah DX, well that's different. Morse encoded CW is marvelous for  
>>"The Game". The standardized contacts don't require any real  
>>communications thruput. A few seconds to beep out the callsigns,  
>>ignore the rest since it never changes, and go on to the next  
>>contact. I'm sure some people enjoy that, but pardon me if I'm  
>>not impressed. To actually engage in an exchange of ideas usually  
>>requires a bit more thruput than that, or extraordinary patience.  
>  
>Well, I have found that my CW contacts are more meaningful than  
>some of the ones I have seen described. I guess it all depends on  
>what you put into it. This has even been true for many of my DX  
>contacts, although I have not engaged many DX stations in hours-long  
>ragchews. In the case of DX, many of the stations choose to do  
>quick contacts, perhaps to help them in their awards chasing, or because  
>their grasp of English is nearly as bad as our grasp of Bohemian.  
>If the only words they know are RST, name and the Q signals, that  
>is probably all they are going to use.  
>  
>Nonetheless, I have managed to exchange quite a few ideas on CW with  
>DX and stateside stations. I will probably get to do it again real  
>soon, just as soon as I get my new station set up. I am still working  
>on necessities such as repairs to my heating system (fixer-upper house).  
>  
>>I find that 100 WPM RTTY is as slow as I care to communicate,  
>>and much prefer the rapid exchanges of ideas available with voice.  
>>It's a matter of taste, of course.  
>  
>>Few of those contacts would  
>>have been of interest if thruput was restricted to only a few words per  
>>minute.  
>  
>This is true at 13 WPM. At 40 wpm, with abbreviations and Q sigs, things  
>can move remarkably close to voice speeds.  
>  
>73 from ARRL HQ, Ed

Into the fray I leap, once again....

Gary, don't get me started on the DX issue (wham bam, 59, 73, thank you ma'am) but that game is played both with CW and SSB, to say nothing of RTTY. I really enjoyed my 30 minute ragchew with the guy in Iceland this morning (it's warmer there in the winter than in Chicago! Why do they call

it Iceland?).

CW has always been an integral part of the hobby (hobby). Sure, it's not the most efficient way to talk but it's fun!

If you want maximum efficiency of communications there are many other ways to do so, most of which are available for a price -- Why use ham radio? To me, ham radio's allure largely includes the knowledge that I made the connection myself (all right, I didn't build my Icom IC735, but the rest is mine) - I didn't depend on phone companies stringing wires or someone placing a satellite in space. This is often not the most efficient way to communicate, but it's a great hobby (great hobby).

Ed makes a good point about the ability of CW to be an efficient means of communicating. I would add to that by saying that if I miss a dot or a dash I have gotten pretty good at interpolating to figure out what the missing letter was. This is a much more effective means of doing this interpolation than with RTTY. I've gotten somewhat impatient with the retries of AMTOR and HF Packet. Sometimes these make these "faster" means of communication much slower.

So, Gary, there is no need to attack CW as a viable means of communication in ham radio. I'm glad it's there and hope it always will be.

73 de Greg KD9AZ

-----

Date: Tue, 05 Oct 1993 23:31:00  
From: swrinde!cs.utexas.edu!uwm.edu!math.ohio-state.edu!howland.reston.ans.net!  
noc.near.net!mv!leotech!uucp@network.ucsd.edu  
Subject: Cordless phone Band????  
To: info-hams@ucsd.edu

Does anyone know the frequency range that the new 900 MHZ cordless phones use???

Please write me direct on Internet at:

mitchell@leotech.mv.com

Thanks!!!!

Scott  
=====

... Purring: Sound of a cat manufacturing cuteness.

\_\_\_ Blue Wave/QWK v2.11

\* Origin: NETIS Public Access Internet (603)432-2517 (1:132/189)

-----  
Date: Wed, 6 Oct 1993 06:24:01 +0000  
From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!pipex!uknet!  
demon!llondel.demon.co.uk!dave@network.ucsd.edu  
Subject: Distress signals (was Re: first sos in history)  
To: info-hams@ucsd.edu

In article <1993Oct5.193037.26524@linus.mitre.org> m14494@mwvm.mitre.org (Mike White) writes:

>An interesting note about SOS: it was never  
>intended to mean Save Our Ship, or Save Our Souls,  
>or anything else. It was an arbitrary code selected  
>to be easy to remember and distinguish.

>  
Yes, the whole point about SOS is that it is very monotonous and easy to pick out (and easy to send), which are ideal requirements for a distress signal.

Dave

--

\*\*\*\*\*  
\* G4WRW @ GB7WRW.#41.GBR.EU AX25 \* Start at the beginning. Go on \*  
\* dave@llondel.demon.co.uk Internet \* until the end. Then stop. \*  
\* g4wrw@g4wrw.ampr.org Amprnet \* (the king to the white rabbit) \*  
\*\*\*\*\*

-----  
Date: Wed, 6 Oct 1993 16:22:30 GMT  
From: lll-winken.llnl.gov!taurus.cs.nps.navy.mil!rovero@ames.arpa  
Subject: Flux Gate Sensor wanted  
To: info-hams@ucsd.edu

Should be pretty cheap. All new Dodge Caravans/Plymouth Voyager LE models have a flux gate compass with digital readout as part of the trip computer.

3-axis sensors may be a little more expensive. "Physics Today" advertises some bench models (which push the state of the art in sensitivity) for \$5K.

--

Josh Rovero (rovero@oc.nps.navy.mil) | Packet: KK1D @ K6LY

Department of Oceanography, Code OC/Rv |  
Naval Postgraduate School |  
Monterey, CA 93943 (408) 656-2084 |

-----  
Date: Wed, 6 Oct 1993 15:52:40 GMT  
From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!math.ohio-  
state.edu!sdd.hp.com!hpsc.it.sc.hp.com!news.dtc.hp.com!srigenprp!  
donrm@network.ucsd.edu  
Subject: HF Mobile Antennas?  
To: info-hams@ucsd.edu

brogan,james p (jpb@donner.cc.bellcore.com) wrote:

> reading material on this topic? I did see an add for "40+5 yrs. of HF  
> Mobileeering" by W6AAQ but have no knowledge beyond the listing.

Recommended reading for the HF Mobileer. It contains more tricks and  
HF practices than you could learn messing around by yourself. Has a  
lot of information on autotune systems.

73  
Don, K6LTS  
donrm@sr.hp.com

-----  
Date: Tue, 5 Oct 93 17:59:27 GMT  
From: mercury.hsi.com!a3bee2.radnet.com!cyphyn!randy@uunet.uu.net  
Subject: humorous R.S. anecdote  
To: info-hams@ucsd.edu

Don Montgomery (donrm@sr.hp.com) wrote:  
: Kevin Sanders (kevin@TorreyPinesCA.ncr.com) wrote:  
: > With the recent gripes about Radio Shack customer ID's, I thought I'd  
:  
: A friend of mine gives his ID as Hiram P. Maxim, last four: 7388  
:  
: Don, K6LTS

Before I gave up on RS, I did this for a while:

KA1UNW, I told him KAlunw ... and the mailed stuff was passable...

You guys with 5 use S and for 0 use o and, really stretching  
things, for 8 use B ( and hope they don't use b )

--

Randy KA1UNW                      If you get a shock while  
                                 servicing your equipment,                      "Works for me!"  
randy@192.153.4.200                      DON'T JUMP!                      -Peter Keyes  
                                 You might break an expensive tube!

-----

Date: 6 Oct 93 16:57:19 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Info-Hams Digest V93 #1183  
To: info-hams@ucsd.edu

Gary Coffman

Tried all your INTERNET addresses; none worked.

Please drop me a line.

Earl Fleck  
KB7QVY  
FLECK@WHITMAN.EDU

-----

Date: 5 Oct 1993 19:12:15 GMT  
From: orca.es.com!cnn.sim.es.com!omega.sim.es.com!mostler@uunet.uu.net  
Subject: JOTA  
To: info-hams@ucsd.edu

I know that the annual World Wide scouting Jamboree on the Air (JOTA) is coming up on Oct 16, 1993. Does anyone have any information on the calling frequencies and times for this activity. Any information would be appreciated

Thanks  
Mike

-----

Date: 5 Oct 1993 21:24:11 GMT  
From: mvb.saic.com!unogate!news.service.uci.edu!usc!math.ohio-state.edu!uwm.edu!  
linac!news.ssc.gov!fnnews.fnal.gov!usenet@network.ucsd.edu  
Subject: Motorola ad in QST?  
To: info-hams@ucsd.edu





To: info-hams@ucsd.edu

Does anyone have a manual for a Yaesu FT-311rm 220 rig?

I would very much like to get a copy

Please write me direct at:

mitchell@leotech.mv.com

Thankyou!!!!

Scott WA1MYQ

... Boldly going forward

\_\_\_ Blue Wave/QWK v2.11

\* Origin: NETIS Public Access Internet (603)432-2517 (1:132/189)

-----  
Date: Tue, 05 Oct 1993 23:28:00  
From: swrinde!cs.utexas.edu!uwm.edu!math.ohio-state.edu!howland.reston.ans.net!  
noc.near.net!mv!leotech!uucp@network.ucsd.edu  
Subject: Packet to internet gatewa  
To: info-hams@ucsd.edu

Does anyone know of an Internet to packet gateway I could use?

If you do would you please send me any information you may have  
on how to use it and it's address.

Write me on Internet direct at

mitchell@leotech.mv.com

Thankyou!!!

Scott WA1MYQ

=====

... Purring: Sound of a cat manufacturing cuteness.

\_\_\_ Blue Wave/QWK v2.11

\* Origin: NETIS Public Access Internet (603)432-2517 (1:132/189)

-----  
Date: Tue, 5 Oct 93 18:32:08 GMT  
From: mercury.hsi.com!a3bee2.radnet.com!cyphyn!randy@uunet.uu.net  
Subject: radio 4 LW and the hulahoop  
To: info-hams@ucsd.edu

Mark Burton (burton@hard68.acri.fr) wrote:

:  
: Ok the Hoopy loop aerial....  
:  
:  
: It would seem to be a hula-hoop which has had some wire stuffed inside it,  
: and then been resealed. The exact amount of wire, (and any other parts)  
: is what I'm interested in, and indeed how the thing works.

"stuffed" inside it? Well, what you have is a large diameter coil

:  
: To use it, you tune your LW radio to Radio 4 198 Khz, then place the  
: hoopyloop adjacent to the radio, and move everything around until you  
: get good reception.  
:  
: There are NO mechanical or direct electrical connections between the hoopy-loop  
: and the radio, and the hoopyloop has no 'power', it is simply a passive  
: device.  
:  
:  
: I would like to understand exactly how this remarkable device works, as to  
: the unknowledgeable by-stander it would seem to be exactly that, a magical  
: device !  
:  
: Mark.

The magic is inductive coupling.

The loop, being a large coil, is able to pick up the weaker signals  
a lot better than the built in ferrit bar coil with in the radio.

By placing one by the other so the coils are aligned, what ever the  
big coil picks up, is passed on to the little coil.

One question: Does your loopyhoop have a tuner knob on it?...maybe its  
on a base, with a box that covers a bit of the loop, and inside there  
would be a thing that looks like an egg slicing machine? Or a square  
plastic box ( don't open it!) with a drive shaft coming out?

If so, that's a tuning condenser. That, along with the coil, serves to tune in on the frequency you are after.  
You'd twiddle the knob until you get strongest reception.

If not...then it is simply a non-tuned coil of wire, which is enough to work OK to pull in stations.

:  
:  
--

Randy KA1UNW	If you get a shock while	
	servicing your equipment,	"Works for me!"
randy@192.153.4.200	DON'T JUMP!	-Peter Keyes
	You might break an expensive tube!	

-----

Date: 5 Oct 1993 18:18:22 GMT  
From: mvb.saic.com!unogate!news.service.uci.edu!usc!yeshua.marcam.com!  
news.kei.com!sol.ctr.columbia.edu!usenet.ucs.indiana.edu!master.cs.rose-  
hulman.edu!news@network.ucsd.edu  
Subject: RG-8/M questions? (Apology)  
To: info-hams@ucsd.edu

> xxx  
> xxx  
> xxx  
> xxxxxxxx P A D D I N G

=====  
Sri for all the multiple postings. My computer kept saying it would not deliver these due to "More included text that new text."

So I kept adding some "padding" and trying again.

JACK

-----

Date: 6 Oct 93 13:32:19 GMT  
From: brunix!pstc3!md@uunet.uu.net  
Subject: Selling license info (was: Re: 6 weeks  
To: info-hams@ucsd.edu

In article <1993Oct5.150428.11874@hemlock.cray.com>, dadams@cray.com (David Adams) writes:

|> I personally don't mind if the ARRL gives out information about my recent  
|> upgrade, for example, to third parties, as long as these third parties  
|> pertain to Amateur Radio. I would not want them to give my name and

|> number to encyclopedia salesmen or religious groups, for example.  
|>  
|> And if it means a lower membership fee, I don't mind their charging for  
|> this information.

Of course, not everyone who is tested by an ARRL VE is an ARRL member. Thus you're receiving benefit as a member from people who are not members.

Since the ARRL/VEC doesn't sell license information, this whole thread is moot, anyway.

MD

--

-- Michael P. Deignan  
-- Population Studies & Training Center  
-- Brown University, Box 1916, Providence, RI 02912  
-- (401) 863-2668

-----

Date: 6 Oct 93 13:26:06 GMT  
From: brunix!pstc3!md@uunet.uu.net  
To: info-hams@ucsd.edu

References <ab5\_9310020805@yyz.mbsun.mlb.org>,  
<19930ct4.012038.10380@cs.brown.edu>, <19930ct5.190812.313@kd4nc.uucp>m.edu  
Subject : Re: Motorola ad in QST?

In article <19930ct5.190812.313@kd4nc.uucp>, n4tii@kd4nc.uucp (John Reed) writes:

|> The radio has 2 different band spreads you can program the radio,  
|> 136-158 or something and then 146-174. Of course, this makes the radio  
|> not a wise choice if I am in CAP, MARS, HAM operator, and a cop or fireman.  
|> The way the software is set up, I can only get one or the other spread out  
|> of the radio.... HOWEVER, you can modify the RSS programming software to  
|> get BOTH band spreads out of the radio...(Note: the radio is capable of  
|> the entire 136-174, but software limits you to only one or the other spreads)  
|>  
|> Motorola just lost revenue....they would have liked for me to have bought  
|> another MT1000 for the lo-split and have my other for the hi-split...

Again, I say "so what"?

Too bad Motorola "lost" revenue, but the fact of the matter is that if I purchase the radio, and decide to make my own firmware modifications, that's my business. Its no different than if I purchase a 486PC from the local compu-store and decide to modify the Phoenix BIOS to augment

system performance.

(I'm assuming, of course, that there is no form of trade-secret or other legal agreement between Motorola and the purchaser...)

In fact, just recently I did do something along these lines. I purchased a Hamtronics repeater, and reverse-engineered the firmware to learn how the machine worked at the port level. Then, I modified the firmware to include features that \*I\* wanted, but were not available. The owner of Hamtronics kept yelling "But the firmware is copyrighted!" and I kept yelling "So what?" I wasn't taking his firmware and publishing it as my own, I was taking it and making improvements upon it for my own purposes - in the course of which I found some interesting "features" that were not enabled in the firmware. This type of activity is completely legal.

In fact, I even bet it would be totally legal for someone to publish a list of "patches" to reprogram Motorola radios. "If you have radio XXX, changing memory location 0x0123 from a 0xe0 to an 0xf0 and this will enable receive from 110mhz thru 220mhz".

Now, if someone were actually taking a different copy of Motorola firmware and selling it on the side to make a few extra bucks, then without a doubt this would be an infringement of Motorola's intellectual property rights, and I believe that Motorola should pursue those violations.

However, I do not believe that someone installing a "patch" to existing firmware constitutes an intellectual property violation, especially if the patch is nothing more than setting a byte-flag somewhere. For Motorola to say that memory location 0x123 is "copyrighted" is foolish. If the patch actually consisted of replacing lines of code in the firmware with different lines that Motorola wrote, then that too would be a violation of Motorola's rights.

Of course, since I really have no idea how Motorola radios are programmed, this is really all moot, since you could turn around and tell me that they use an entirely different method.

MD

--

-- Michael P. Deignan  
-- Population Studies & Training Center  
-- Brown University, Box 1916, Providence, RI 02912  
-- (401) 863-2668

--  
-- Michael P. Deignan  
-- Population Studies & Training Center  
-- Brown University, Box 1916, Providence, RI 02912  
-- (401) 863-2668

-----  
Date: 5 Oct 93 21:52:13 GMT  
From: ncrw2.ncr.com!ncrhub2!torynews!ncrlnk!ncrwic!donald!kthompso@uunet.uu.net  
To: info-hams@ucsd.edu

References <28f93b\$s0f@cville-srv.wam.umd.edu>, <wFTuac1w165w@nj8j.atl.ga.us>,  
<28rf9fINNih9@network.ucsd.edu>  
Subject : Re: Motorola ad in QST?

brian@nothing.ucsd.edu (Brian Kantor) writes:

)I seem to recall hearing an interview in the early 80s that two out of  
)every three copies of WordStar hadn't been paid for. I rather expect  
)it's gotten worse since then.

Not to be condoning pirating, but they wanted \$500- a copy for it.  
Expensive at 1/4 the price.

--  
Ken Thompson     NOITL  
Disk Array Hardware Development  
Peripheral Products MPD-Wichita  
NCR Corp.   an AT&T company  
3718 N. Rock Road   Wichita,Ks 67226  
(316) 636-8783  
Ken.Thompson@wichitaks.ncr.com

-----  
End of Info-Hams Digest V93 #1185  
\*\*\*\*\*